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(54) BLEND OF BLOCK COPOLYMER AND METALLOCENE POLYOLEFIN

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an elastomer composition comprising the titled blend having improved elastomeric properties, by allowing it to contain a specific block copolymer and a metallocene polyolefin having a specific density and a specific molecular weight distribution. SOLUTION: An elastomer composition contains (A) a block copolymer wherein at least two monoalkenyl arene blocks (preferably two polystyrene blocks) are separated by a saturated, conjugated diene block (preferably an saturated polybutadiene block) and (B) a metallocene polyolefin of from 8 to 30 wt.% 4-12C α -olefin comonomer and ethylene wherein the density is from 0.86 to 0.91 and the molecular weight distribution (Mw/Mm) is less than 3. Through the above process, an elastomer composition having an improved elastomeric property is obtained.

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